

Date: 4/23/90	MSDS = CM113	Compiled by: J. R. Wiegmann	Approved by: D. E. Green
Product Identification: ChemglazeR Wash Primer 9924 Part A Exempt		Product Class: Industrial Coatings	

**SECTION I**

Manufacturer's Name: Hughson Chemicals	Street Address: 2000 West Grandview Blvd. P. O. Box 1099	City, State and Zip Code: Erie, Pa. 16512
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Emergency Telephone No.: 814:763-2345 (State "EMERGENCY" - Ask for "Safety Engineer")

Information Telephone No.: 814:868-3611 (Ask for "Product Manager")

**SECTION II - HAZARDOUS INGREDIENTS**

Ingredient	Percent (Wt.)	TLV PPM	mg/m <sup>3</sup>	LEL (% by Vol.)	Vapor Press (mm Hg)
Zinc Chromate (reported as CrO <sub>3</sub> )	5	-----	0.05	N/A	N/A
Cellosolve Acetate (2-ethoxyethyl acetate)	34	100	540	1.7	2/20
Sec. Butyl Alcohol	13	150	450	1.7	13/20
Iron Oxide	2	-----	10	N/A	N/A

**SECTION III - PHYSICAL DATA**

Boiling Range 211-320°F (99.5-160°C)	Vapor Density <input checked="" type="checkbox"/> Heavier than air <input type="checkbox"/> Lighter than air
Evaporation Rate <input type="checkbox"/> Faster <input checked="" type="checkbox"/> Slower than Ether	Percent Volatile By Volume 77
Soluble in Water <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Weight per Gallon 8.8

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**
**FLAMMABILITY CLASSIFICATION**  
Flammable Liquid

OSHA Class IB DOT Flammable Liquid

Flash Point: 67°F 19.4°C  
Seta Flash

LEL  
1.7

Suggested Extinguishing Media:

Foam, dry chemicals and carbon dioxide. Water is not suitable as an extinguishing agent.

Unusual Fire and Explosion Hazards: Containers may develop pressure during heat exposure. Water may be used to cool containers. Avoid product application on hot surfaces. Do not use near sparks or static discharge.

Special Fire Fighting Procedures: Wear full protective equipment including self-contained breathing apparatus for protection against vapors and combustion products. Water may be used to cool closed containers to prevent pressure buildup and possible explosion.

## SECTION V - HEALTH HAZARD DATA

Old Limit Value: See Section II

is of Overexposure:

ate - Symptoms of drunkenness or intoxication from solvents.

onic - Not applicable.

gency and First Aid Procedures: Obtain medical attention immediately.

Skin Contact: Wash thoroughly.

Eye Contact: Flush immediately for 15 minutes with large amounts of water. Call a physician.

Inhalation: Remove to fresh air.

Ingestion: Do not induce vomiting. Call a physician. Drink 1-2 glasses of water.

## SECTION VI - REACTIVITY DATA

ity ☐ Unstable ☒ Stable Conditions to Avoid: Do not mix with oxidizing material

-patability (Materials to avoid)

None reasonably foreseeable.

dous Decomposition Products:

Carbon monoxide, carbon dioxide

dous Polymerization ☐ May Occur ☒ Will Not Occur

tions to Avoid:

## SECTION VII - SPILL OR LEAK PROCEDURES

t be Taken in Case Material is Released or Spilled: Remove spark sources, flames, and hot surfaces. Provide adequate ventilation and use respiratory devices if available. Contain spill with ine absorbant material. Remove with non-sparking tools.

Disposal Method:

Dispose of in accordance with Local, State and Federal Regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

ratory Protection: Wear ANSI approved respiratory protective equipment. Avoid breathing spra

ation: Positive fresh air ventilation in approved volume and pattern to keep below TLV lev listed in Section II. Heavy solvent vapors must be removed at floor level.

ective Gloves:

Should be worn to minimize repeated contact.

rotection:

Safety eyeglasses with splash guards are required.

Protective Equipment:

Protective clothing to minimize skin contact is necessary.

## SECTION IX - SPECIAL PRECAUTIONS

utions to be Taken in Handling and Storing: FLAMMABLE - Avoid storage in high temperature areas or ne sources of flame. See OSHA 191.106.

Storage Category: Not applicable.

Prec. ons: Avoid repeated and prolonged contact with skin. Ground containers during sto and use. Avoid inhaling dust when sanding dried film, wear protective mask.

Date: 3/17/80	MSDS = CM107	Compiled by: J.R. Wiegmann	Approved by: S.H. Green
Product Identification: CHEMGLAZE WASH PRIMER 9924 PART B - Exempt		Product Class: Industrial Coating	

**SECTION I**

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Emergency Telephone No.: 814:763-2345 (State "EMERGENCY" - Ask for "Safety Engineer")

Information Telephone No.: 814:868-3611 (Ask for "Product Manager")

**SECTION II - HAZARDOUS INGREDIENTS**

Ingredient	Percent (Wt.)	TLV		LEL (% by Vol.)	Vapor Pressure (mm Hg)
		PPM	mg/m <sup>3</sup>		
CELLOSOLVER <sup>R</sup> Acetate 2-Ethoxyethylacetate	80	100	540	1.7	2/20
Secondary Butyl Alcohol	8	150	450	1.7	13/2
Phosphoric Acid 85%	2	---	1	---	.03/

**SECTION III - PHYSICAL DATA**

Boiling Range 211-320F (99.6-160C)	Vapor Density <input checked="" type="checkbox"/> Heavier than air <input type="checkbox"/> Lighter than air
Evaporation Rate <input type="checkbox"/> Faster <input checked="" type="checkbox"/> Slower, than Ether	Percent Volatile By Volume 98
Soluble in Water <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Weight per Gallon 8.0

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**FLAMMABILITY CLASSIFICATION**  
 Flammable Liquid  
 OSHA Class IC DOT Flammable Liquid

Pensky-Marten Flash Point: 73 °F 22.8 °C

Suggested Extinguishing Media:  
 Carbon dioxide, dry chemical, regular or alcohol-type foam.

LEL 1.7

Unusual Fire and Explosion Hazards: Keep containers tightly closed. Isolate from heat, electrical equipment and open flame. Closed containers may explode when exposed to extreme heat. Water may be used to cool unruptured containers. Extreme heat will melt plastic containers and allow contents to escape.

Special Fire Fighting Procedures:  
 Full protective equipment, including self-contained breathing apparatus should be used. Fog nozzles are preferable when water is used. Chemical or acid resistant clothing should be worn to protect skin from acid and irritating solvents.

## SECTION V - HEALTH HAZARD DATA

Signal Limit Value. Not applicable - See Section II

### Effects of Overexposure:

Acute - Strong irritant to mucus membranes and skin could cause skin burns if not flushed off with water. Inhalation of solvents affects respiratory tract. Headache, dizziness, staggering gait, confusion.

Chronic - Unknown

### Emergency and First Aid Procedures:

**Inhalation:** Remove to fresh air. Treat symptomatically. Call a physician.  
**Flush Eyes:** Flush immediately with copious amounts of water for at least 15 minutes. Consult a physician immediately.  
**Flush Skin:** Wash affected areas with soap and water. Remove contaminated clothing.  
**Ingestion:** Drink 1-2 glasses of water. DO NOT INDUCE VOMITING! Consult physician immediately.

## SECTION VI - REACTIVITY DATA

Stability ☐ Unstable ☒ Stable Conditions to Avoid:

Stability (Materials to avoid) Alkalies or bases

Decomposition Products: Carbon dioxide, carbon monoxide

Polymerization ☐ May Occur ☒ Will Not Occur  
Conditions to Avoid:

## SECTION VII - SPILL OR LEAK PROCEDURES

Actions to be Taken in Case Material is Released or Spilled: Remove all sources of ignition. Ventilate area. Avoid breathing vapors. Use self-contained breathing equipment. Avoid contact with skin. Use protective chemical resistant gloves and boots. Remove with inert absorbent material and non-sparking tools.

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Personal Protection: Use ANSI approved respiratory protective equipment. Solvent intoxication will result if excess solvent vapors are inhaled.  
Ventilation: Sufficient ventilation, in volume and pattern, should be provided to keep solvent vapor concentrations below current applicable OSHA requirements.  
Protective Gloves: Chemical, acid and solvent resistant gloves should be worn for prolonged or repeated contacts.  
Eye Protection: Use eyewear with splash guards or side shields.

Protective Equipment:

## SECTION IX - SPECIAL PRECAUTIONS

Actions to be Taken in Handling and Storing: Do not store or use near heat or open flames.

Hazard Category: Not currently applicable.

Precautions: Solvents and acid are irritating to skin and eyes.

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